

IN THE SPECIFICATION

**Please amend the paragraph beginning at page 10, line 9, as follows:**

During the ~~high-resolution~~ broad range measurement, on the other hand, the probe controller 15 causes movement of the optical probe 13 in a direction away from the surface for measurement, up to a region where the distance  $h$  is larger than the wavelength  $\lambda/4$ , as shown for example in Fig.2B. This allows the light, propagated through the core, to be directly radiated and illuminated on the surface for measurement 2a, so that a spot of a larger size is formed by the propagated light.